Dimethoxybenzaldehyde/Hydroquinone dimethyl ether + Hydrogen cyanide, hydrolysis
Benzyl cyanide/Benzyl chloride + Sodium cyanide
Coal tar products/Distillation of coal tar condensate
Cyanoacetic acid/Chloracetic acid + sodium cyanide
Cyanuric chloride/Catalyzed trimerization of cyanogen chloride
Vat dyes, Indigo paste as Vat Blue 1/Sodamide + potassium N-Phenylglycine, fused with caustic/N-phenylglycine + Aniline + Formaldehyde + Sodium bisulfite, sodium cyanide, hydrolysis with potassium hydroxide
Disperse dyes, Azo and Vat
Ethylenediamine tetraacetic acid/Ethylenediamine + Formaldehyde + Sodium cyanide
Diethylenetriamine pentaacetic acid/Diethylenetriamine + Formaldehyde + Sodium cyanide
N,N′-bis(o-Acetamidophenol)ethylenediamine, ferric complex/ Salicyladehyde + Ethylenediamine + Hydrogen cyanide, hydrolysis to amide
Diethylenetriamine pentaacetic acid, pentasodium salt/Diethylenetriamine pentaacetic acide + caustic
Ethylenediamine tetraacetic acid, metal salts/Ethylenediamine tetraacetic acid + metal bases
Hydroxyethyl ethylenediamine triacetic acid, trisodium salt/ Ethylenediamine + Ethylene oxide + Formaldehyde + Sodium cyanide, hydrolysis
5,5-Dimethyl hyantoin/Acetone + ammonia + carbon dioxide + hydrogen cyanide
Hydrogen cyanide/By-product of acrylonitrile by ammoxidation of propylene
Iminodiacetic acid/Hexamethylene tetraamine + Hydrogen cyanide, hydrolysis of iminoacetonitrile salt
Methionine/Acrolein + Methyl mercaptan, with hydrogen cyanide and ammonium carbonate
Nitrilotriacetic acid/Hexamethylene tetraamine + Hydrogen cyanide, hydrolysis of nitrilotriacetonitrile salt
Picolines, mixed/Condensation of acetaldehyde + formaldehyde + ammonia
Organic pigments, Azo/Diazotization of aniline cogener, coupling to B-Napthol
Pyrimidines, 2-Isopropyl-4-methoxy-/Isobutyronitrile + methanol, ammonia and methylacetoacetate (ring closure)
Pyridine (synthetic)/Condensation of acetaldehyde + ammonia + formaldehyde
Cyanopyridine/Ammoxidation of picoline
Sarcosine (N-Methyl glycine), sodium salt/Hexamethylene tetraamine + Sodium cyanide, hydrolysis
Thiophene acetic acid/Chloromethylation (Hydrogen chloride + Formaldehyde) + Sodium cyanide, hydrolysis
Tris(anilino)S-triazine/Cyanuric chloride + Aniline and its cogeners
Triethylorthoformate/Ethanol + Hydrogen cyanide
Trimethylorthoformate/Methanol + Hydrogen cyanide

[52 FR 42568, Nov. 5, 1987, as amended at 54 FR 27352, June 29, 1989; 55 FR 26692, June 29, 1990; 57 FR 41844, Sept. 11, 1992]

APPENDIX B TO PART 414—COMPLEXED METAL-BEARING WASTE STREAMS

Chromium

Azo dye intermediates/Substituted diazonium salts + coupling compounds
Vat dyes
Acid dyes
Azo dyes, metallized/Azo dye + metal acetate
Acid dyes, Azo (including metallized)
Organic pigments, miscellaneous lakes and toners

Copper

Disperse dyes
Acid dyes
Direct dyes
Vat dyes
Sulfur dyes
Disperse dye coupler/N-substitution of 2-Amino-4-acetamidoanisole
Azo dyes, metallized/Azo dye + metal acetate
Direct dyes, Azo
Disperse dyes, Azo and Vat
Organic pigment Green 7/Copper phthalocyanine
Organic pigments
Organic pigments/Phthalocyanine pigments
Organic pigments/Copper phthalocyanine (Blue Crude)
Organic pigments, miscellaneous lakes and toners

Lead

Organic pigments, Quinacridines
Organic pigments, Thioindigoids
Tetraethyl lead/Alkyl halide + sodium-lead alloy
Tetramethyl lead/Alkyl halide + sodium-lead alloy

Nickel

Azo dyes, metallized/Azo dye + metal acetate

Zinc

Organic pigments/Azo pigments by diazotization and coupling

[52 FR 42568, Nov. 5, 1987, as amended at 54 FR 27352, June 29, 1989; 57 FR 41844, Sept. 11, 1992]

PART 415—INORGANIC CHEMICALS MANUFACTURING POINT SOURCE CATEGORY

Subpart A—Aluminum Chloride Production Subcategory

Sec.

415.01 Compliance dates for pretreatment standards for existing sources.
415.10 Applicability; description of the aluminum chloride production subcategory.
415.11 Specialized definitions. [Reserved]
415.12–415.13 [Reserved]
415.14 Pretreatment standards for existing sources (PSES).
415.15 [Reserved]

Subpart B—Aluminum Sulfate Production Subcategory

415.20 Applicability; description of the aluminum sulfate production subcategory.
415.21 Specialized definitions. [Reserved]
415.22 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
415.23 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
415.24 Pretreatment standards for existing sources (PSES).
415.25 New source performance standards (NSPS).
415.26 Pretreatment standards for new sources (PSNS).

Subpart C—Calcium Carbide Production Subcategory

415.30 Applicability; description of the calcium carbide production subcategory.
415.31 Specialized definitions. [Reserved]
415.32 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
415.33 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
415.34 [Reserved]
415.35 New source performance standards (NSPS).
415.36 Pretreatment standards for new sources (PSNS).

Subpart D—Calcium Chloride Production Subcategory

415.40 Applicability; description of the calcium chloride production subcategory.
415.41 Specialized definitions.
415.42 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
415.43 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
415.44 [Reserved]
415.45 New source performance standards (NSPS).
415.46 Pretreatment standards for new sources (PSNS).

Subpart E—Calcium Oxide Production Subcategory

415.50 Applicability; description of the calcium oxide production subcategory.
415.51 Specialized definitions. [Reserved]
415.52 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
415.53 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
415.54 [Reserved]
415.55 New source performance standards (NSPS).
415.56 Pretreatment standards for new sources (PSNS).

Subpart F—Chlor-alkali Subcategory (Chlorine and Sodium or Potassium Hydroxide Production)

415.60 Applicability; description of the chlorine and sodium or potassium hydroxide production subcategory.
415.61 Specialized definitions.
415.62 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
415.63 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
415.64 Pretreatment standards for existing sources (PSES).
415.65 New source performance standards (NSPS).